

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132723.D
 Acq On : 09 Mar 2023 17:56
 Operator : CG\JU
 Sample : 01833-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 03:38:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

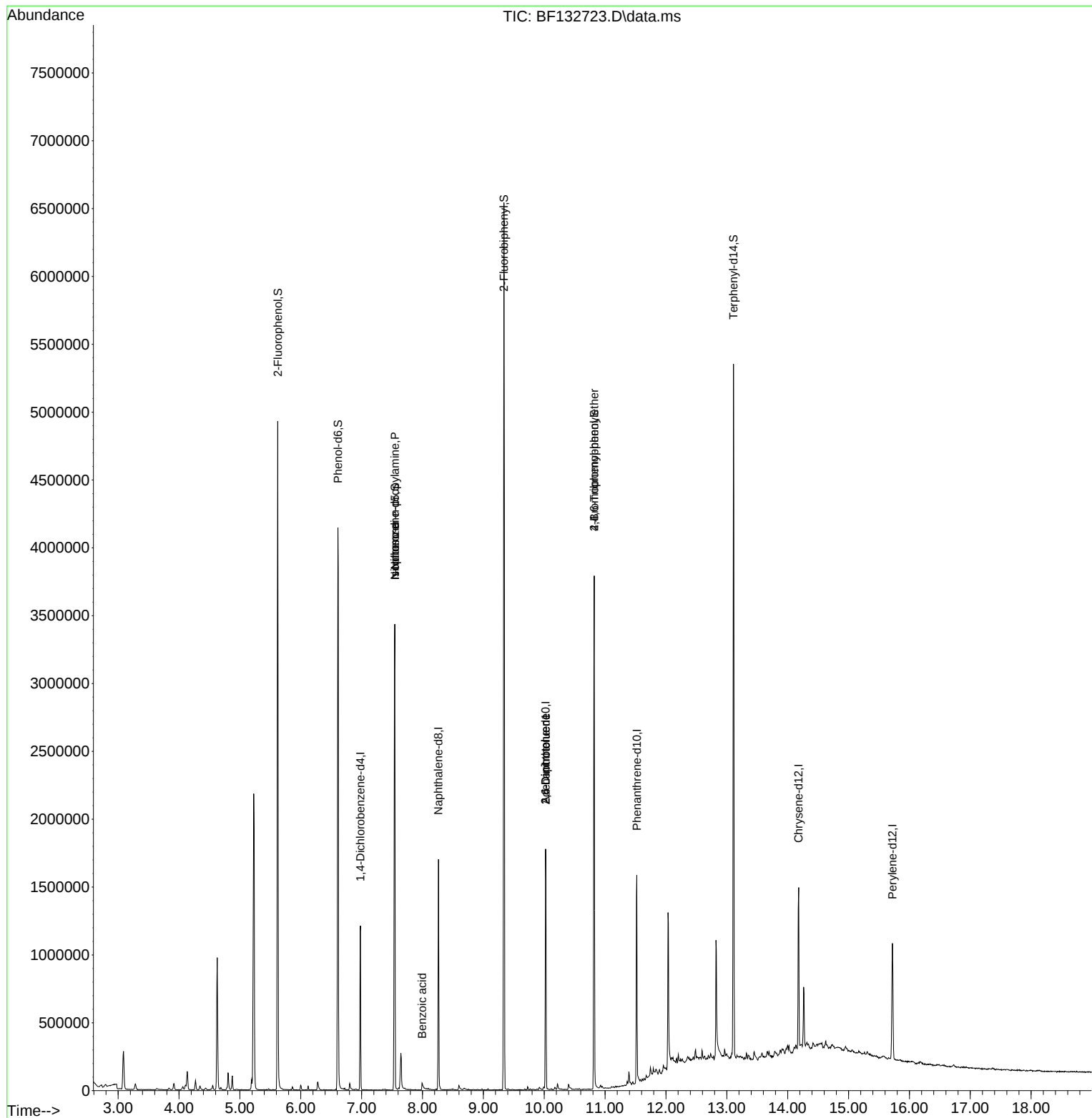
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	184824	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	687199	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	348687	20.000	ng	-0.01
64) Phenanthrene-d10	11.521	188	580560	20.000	ng	0.00
76) Chrysene-d12	14.180	240	413581	20.000	ng	0.00
86) Perylene-d12	15.721	264	416707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1369866	120.290	ng	0.01
7) Phenol-d6	6.610	99	1616930	108.794	ng	-0.01
23) Nitrobenzene-d5	7.545	82	1214508	83.850	ng	-0.01
42) 2,4,6-Tribromophenol	10.822	330	463606	123.114	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1968073	85.943	ng	0.00
79) Terphenyl-d14	13.110	244	1866610	76.308	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.545	70	160121	17.506	ng	# 75
25) Isophorone	7.545	82	1210323	43.584	ng	# 67
32) Benzoic acid	7.992	122	21091	6.119	ng	# 87
51) 2,6-Dinitrotoluene	10.022	165	45629	7.892	ng	# 22
57) 2,4-Dinitrotoluene	10.022	165	45629	5.932	ng	# 21
67) 4-Bromophenyl-phenylether	10.822	248	30540	4.650	ng	# 1

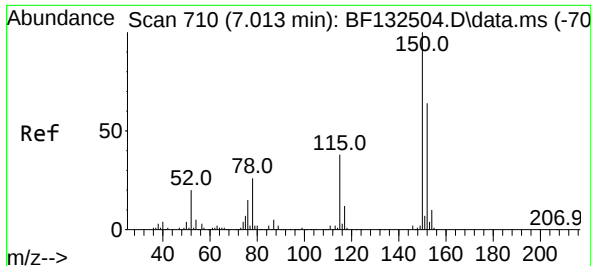
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132723.D
Acq On : 09 Mar 2023 17:56
Operator : CG\JU
Sample : 01833-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

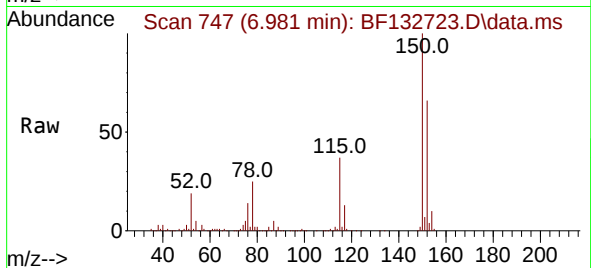
Quant Time: Mar 10 03:38:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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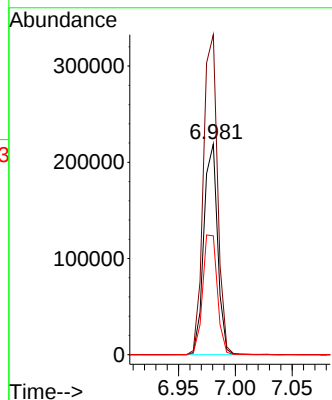
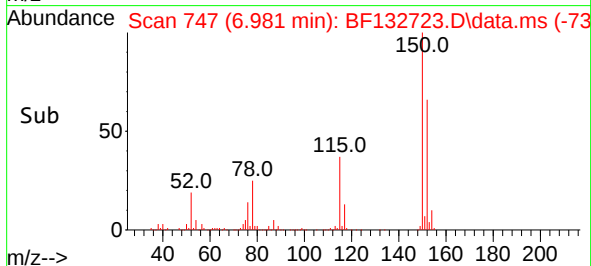


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132723.D
Acq: 09 Mar 2023 17:56

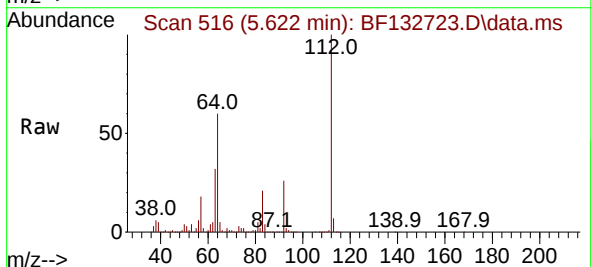
Instrument :
BNA_F
ClientSampleId :



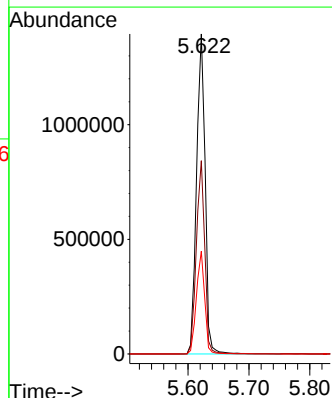
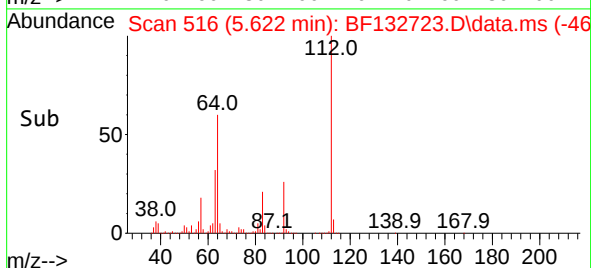
Tgt Ion:152 Resp: 184824
Ion Ratio Lower Upper
152 100
150 151.8 125.4 188.2
115 56.4 47.8 71.6

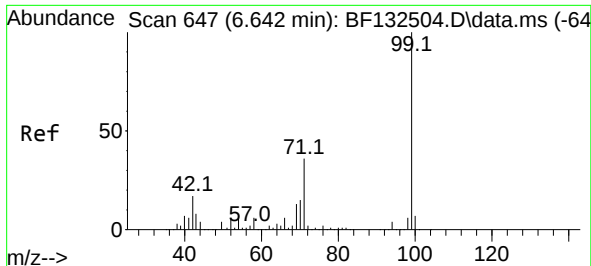


#5
2-Fluorophenol
Concen: 120.290 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF132723.D
Acq: 09 Mar 2023 17:56



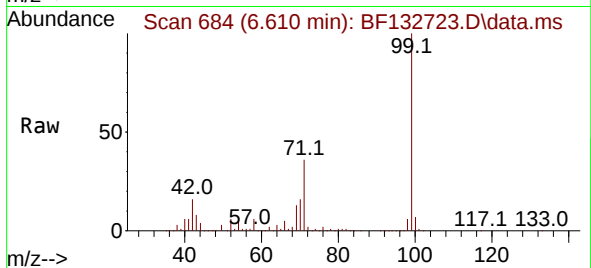
Tgt Ion:112 Resp: 1369866
Ion Ratio Lower Upper
112 100
64 60.4 51.6 77.4
63 32.1 27.4 41.2





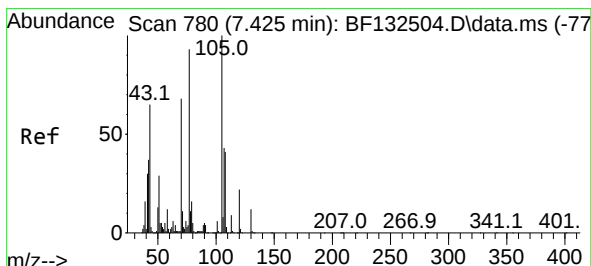
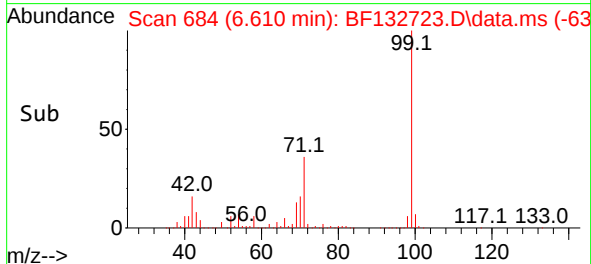
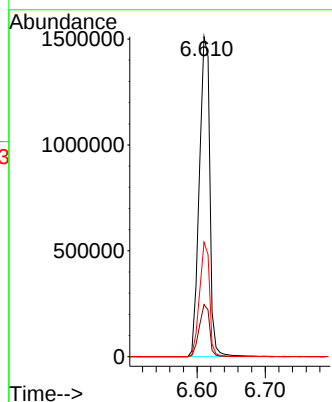
#7
Phenol-d6
Concen: 108.794 ng
RT: 6.610 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132723.D
Acq: 09 Mar 2023 17:56

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1616930

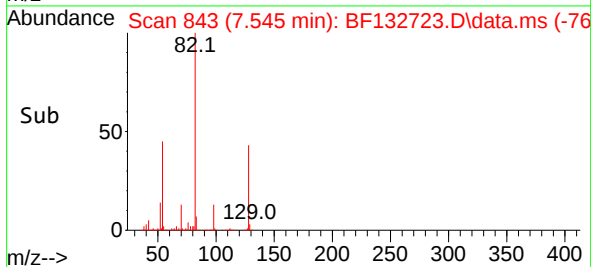
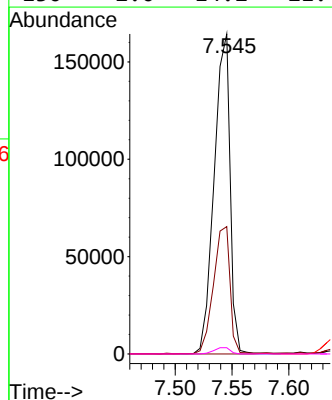
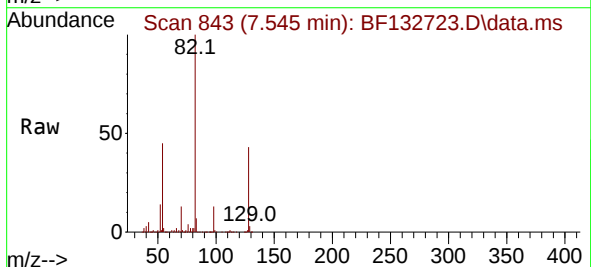
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.9	20.9
71	35.8	28.5	42.7

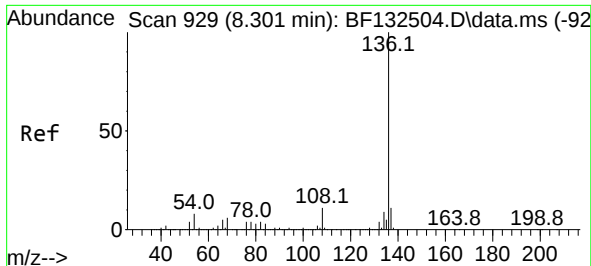


#19
n-Nitroso-di-n-propylamine
Concen: 17.506 ng
RT: 7.545 min Scan# 843
Delta R.T. 0.147 min
Lab File: BF132723.D
Acq: 09 Mar 2023 17:56

Tgt Ion: 70 Resp: 160121

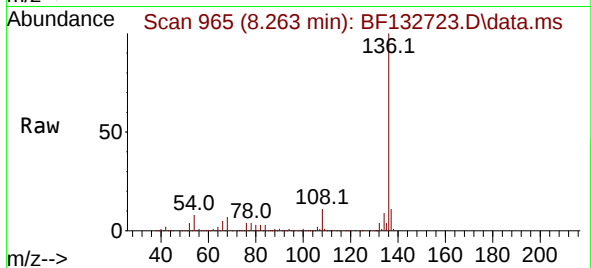
Ion	Ratio	Lower	Upper
70	100		
42	39.8	44.1	66.1#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#





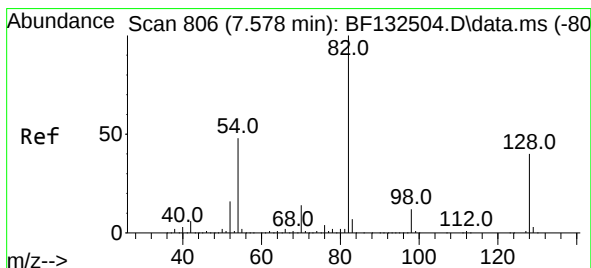
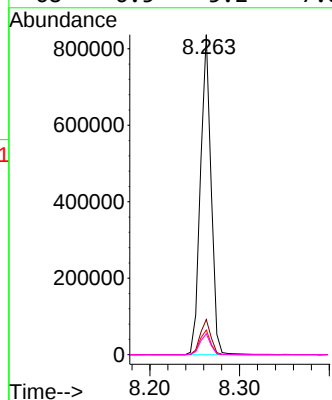
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132723.D
Acq: 09 Mar 2023 17:56

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 687199

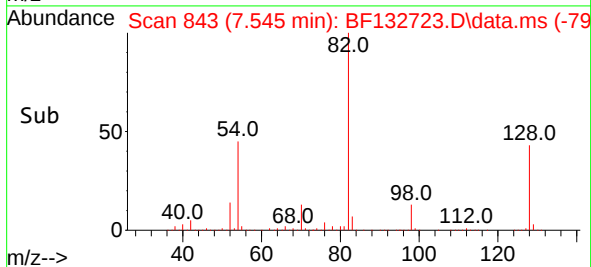
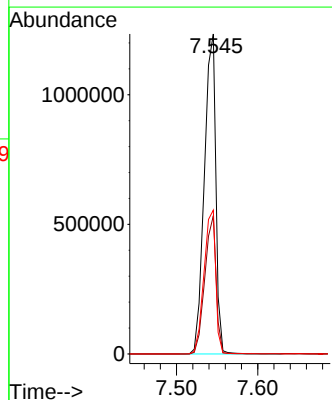
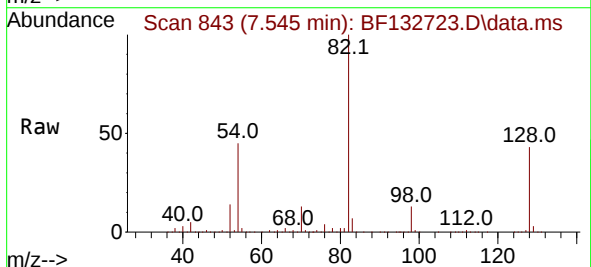
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	6.2	9.4
68	6.5	5.2	7.8

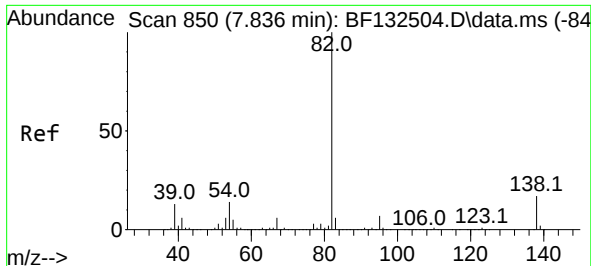


#23
Nitrobenzene-d5
Concen: 83.850 ng
RT: 7.545 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF132723.D
Acq: 09 Mar 2023 17:56

Tgt Ion: 82 Resp: 1214508

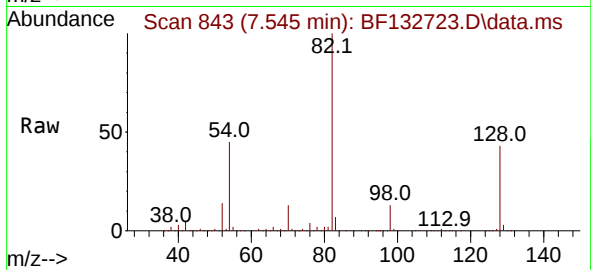
Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.2	48.2
54	44.9	38.4	57.6



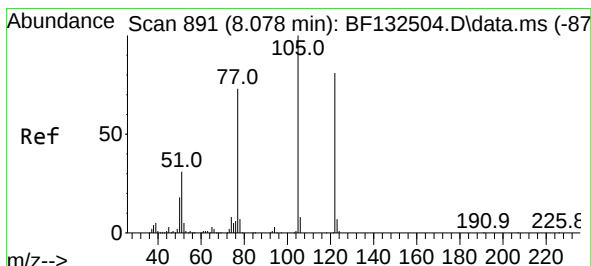
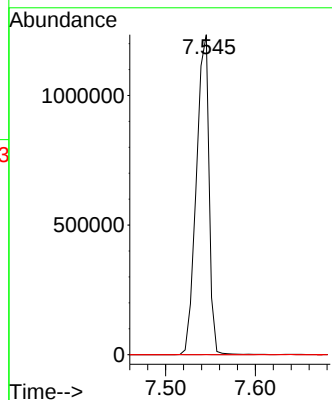
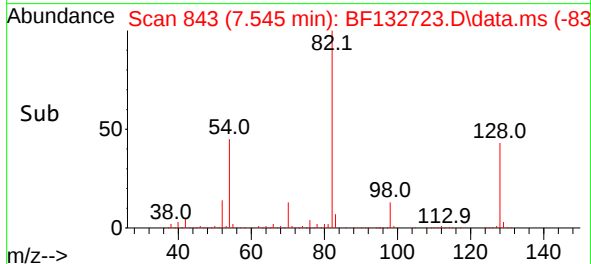


#25
Isophorone
Concen: 43.584 ng
RT: 7.545 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132723.D
Acq: 09 Mar 2023 17:56

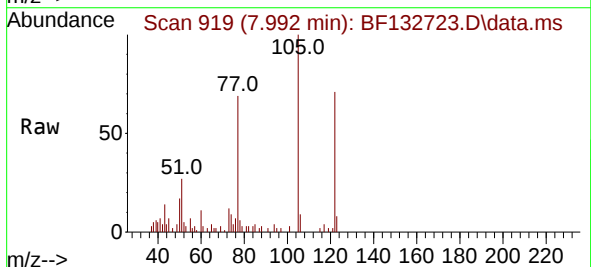
Instrument :
BNA_F
ClientSampleId :



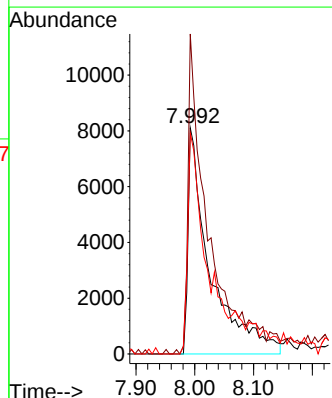
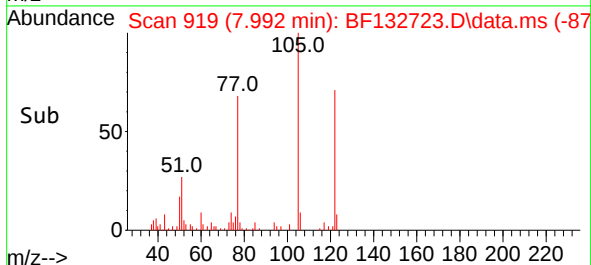
Tgt Ion: 82 Resp: 1210323
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 13.3 19.9#

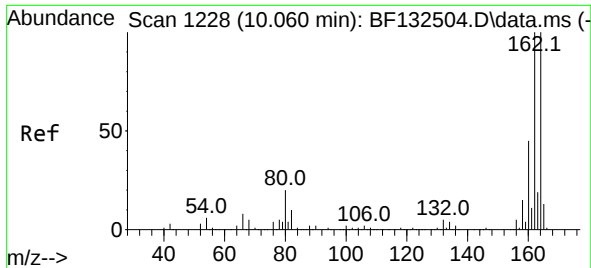


#32
Benzoic acid
Concen: 6.119 ng
RT: 7.992 min Scan# 919
Delta R.T. -0.059 min
Lab File: BF132723.D
Acq: 09 Mar 2023 17:56



Tgt Ion:122 Resp: 21091
Ion Ratio Lower Upper
122 100
105 141.5 102.6 142.6
77 97.7 70.2 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.022 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF132723.D

Acq: 09 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

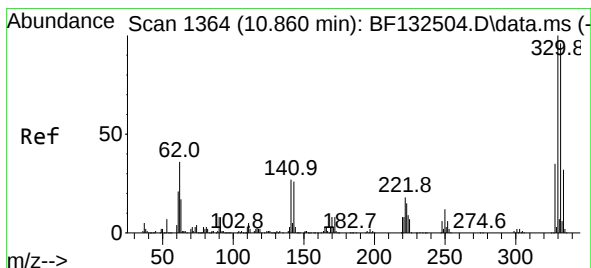
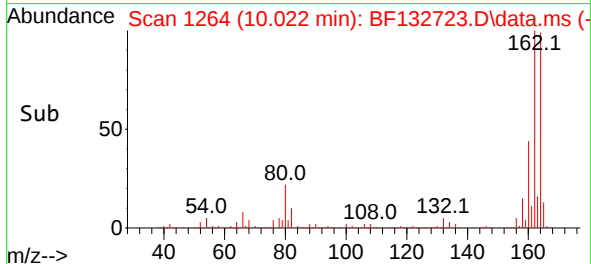
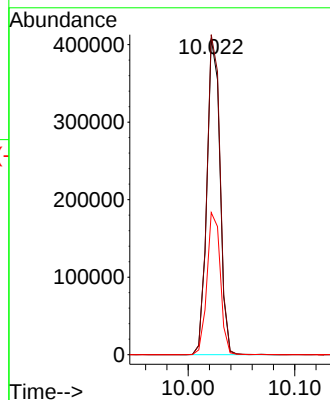
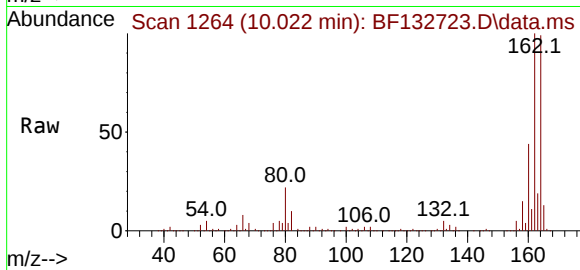
Tgt Ion:164 Resp: 348687

Ion Ratio Lower Upper

164 100

162 101.2 79.8 119.8

160 44.9 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 123.114 ng

RT: 10.822 min Scan# 1400

Delta R.T. -0.006 min

Lab File: BF132723.D

Acq: 09 Mar 2023 17:56

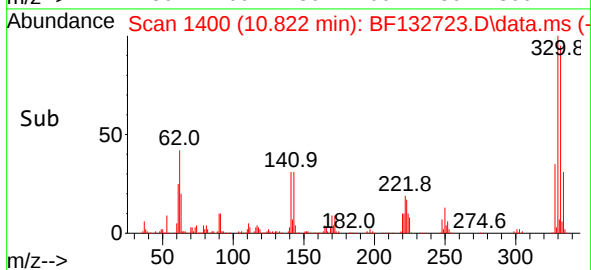
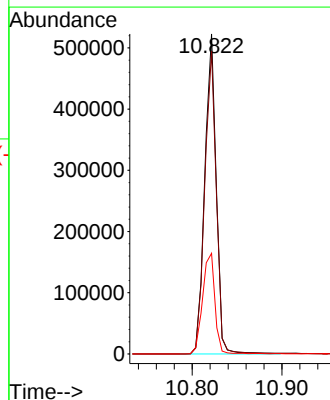
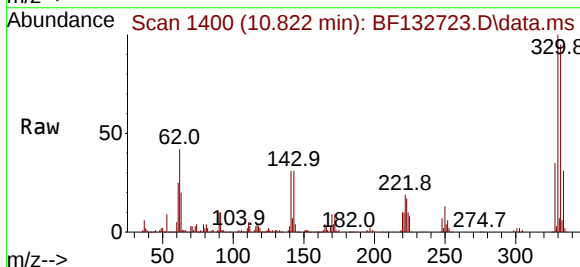
Tgt Ion:330 Resp: 463606

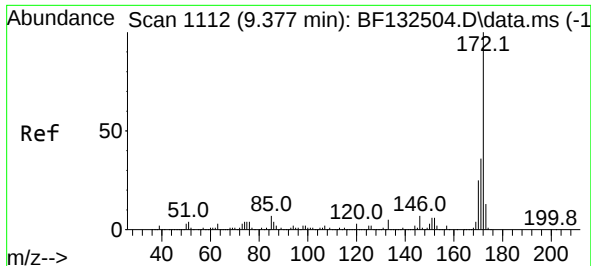
Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

141 34.0 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 85.943 ng

RT: 9.339 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF132723.D

Acq: 09 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

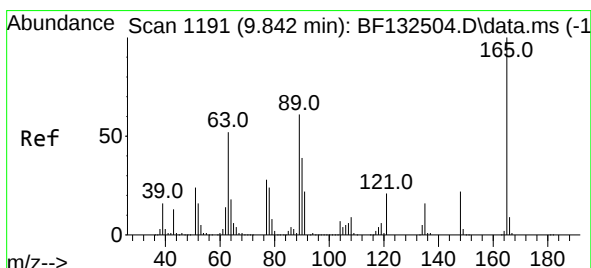
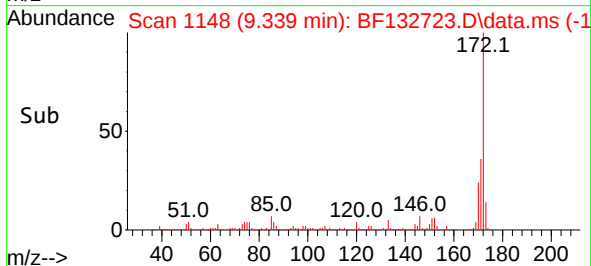
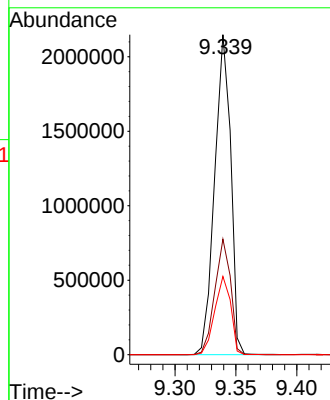
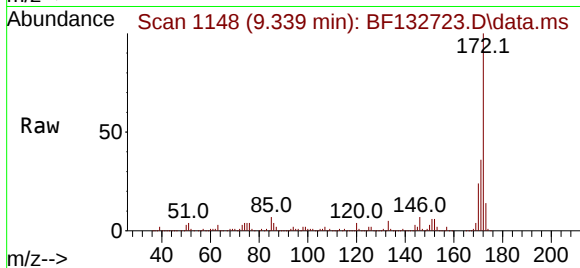
Tgt Ion:172 Resp: 1968073

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.4 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.892 ng

RT: 10.022 min Scan# 1264

Delta R.T. 0.206 min

Lab File: BF132723.D

Acq: 09 Mar 2023 17:56

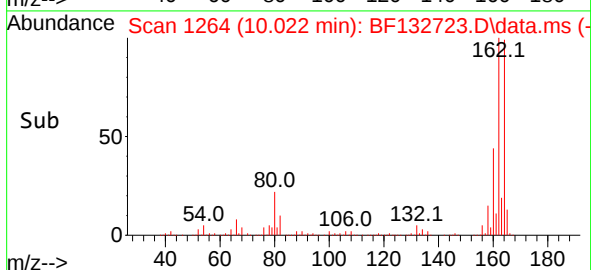
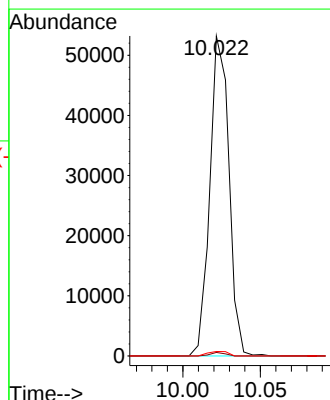
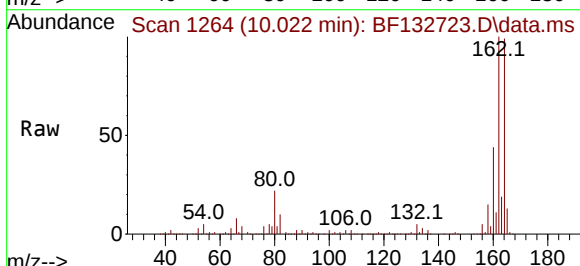
Tgt Ion:165 Resp: 45629

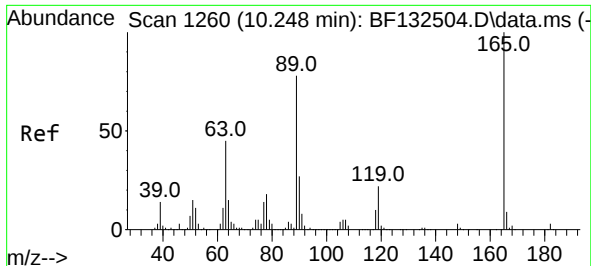
Ion Ratio Lower Upper

165 100

63 1.1 47.3 70.9#

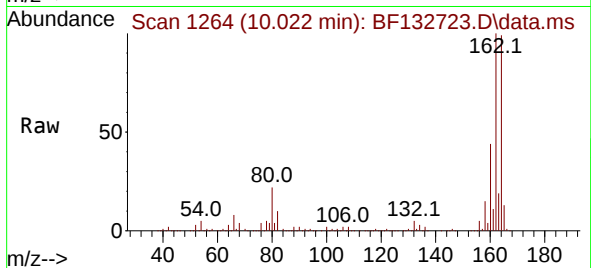
89 1.4 48.9 73.3#



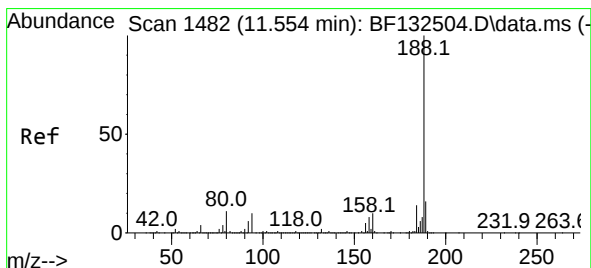
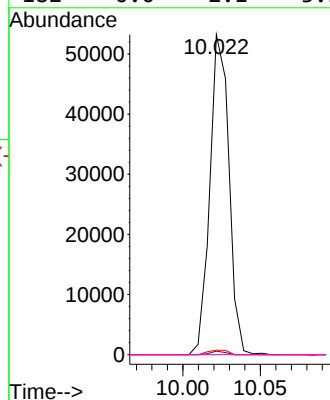
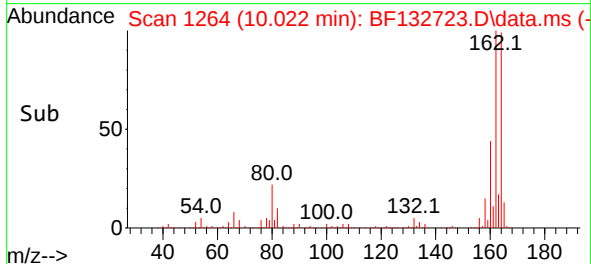


#57
2,4-Dinitrotoluene
Concen: 5.932 ng
RT: 10.022 min Scan# 1519
Delta R.T. -0.200 min
Lab File: BF132723.D
Acq: 09 Mar 2023 17:56

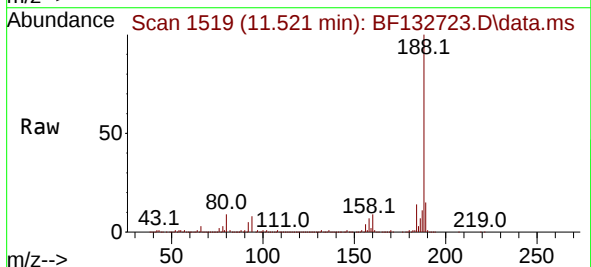
Instrument :
BNA_F
ClientSampleId :



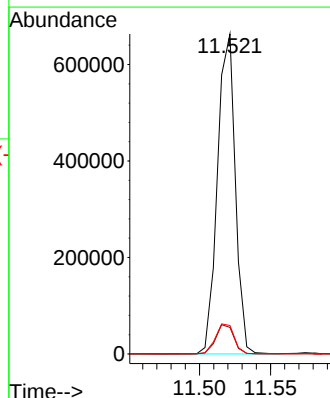
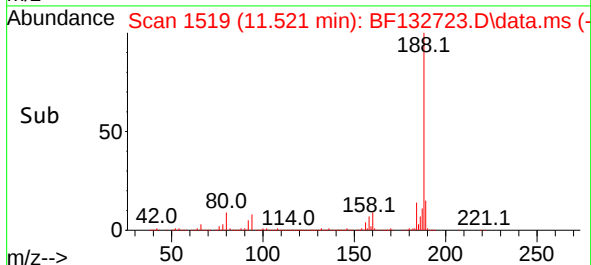
Tgt Ion:165 Resp: 45629
Ion Ratio Lower Upper
165 100
63 1.1 36.5 54.7#
89 1.4 62.4 93.6#
182 0.0 2.1 3.1#

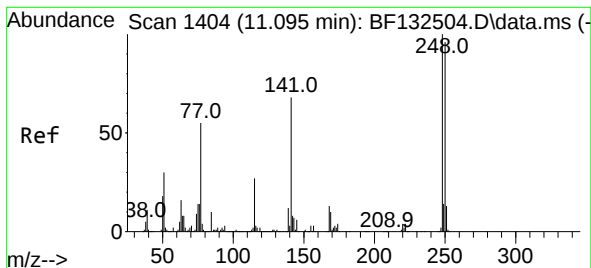


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.521 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF132723.D
Acq: 09 Mar 2023 17:56



Tgt Ion:188 Resp: 580560
Ion Ratio Lower Upper
188 100
94 8.3 8.3 12.5
80 8.9 8.7 13.1

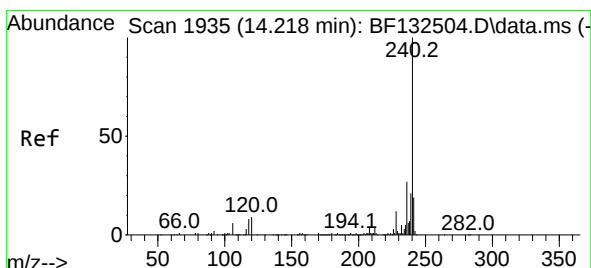
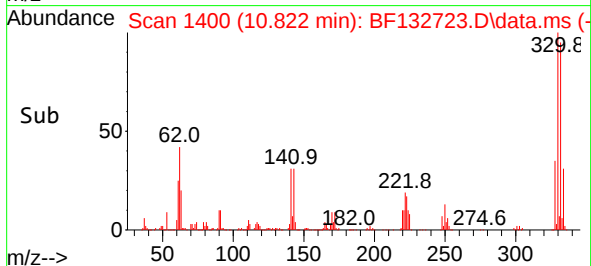
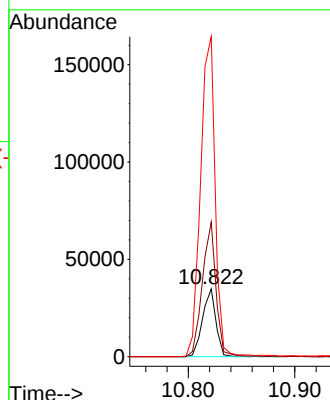
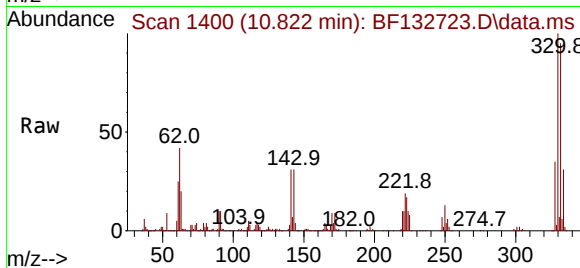




#67
4-Bromophenyl-phenylether
Concen: 4.650 ng
RT: 10.822 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF132723.D
Acq: 09 Mar 2023 17:56

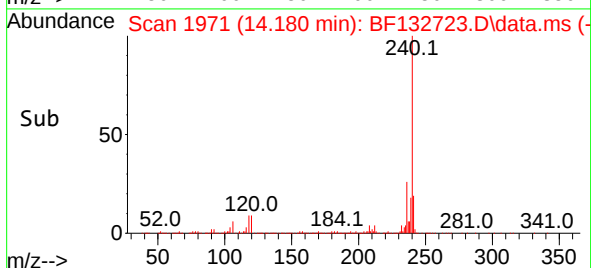
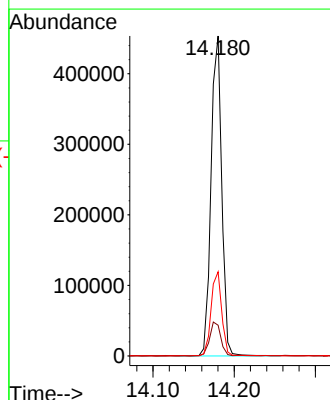
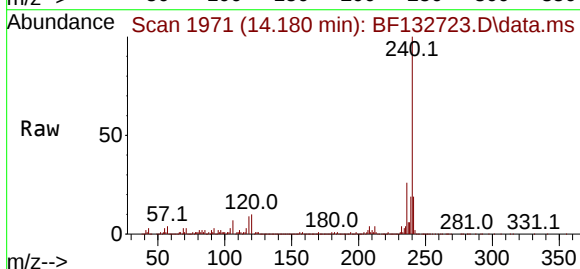
Instrument :
BNA_F
ClientSampleId :

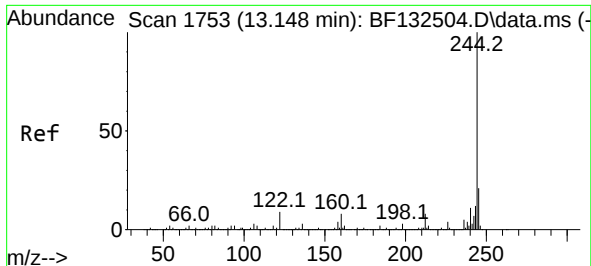
Tgt Ion:248 Resp: 30540
Ion Ratio Lower Upper
248 100
250 198.3 77.0 115.4#
141 471.7 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132723.D
Acq: 09 Mar 2023 17:56

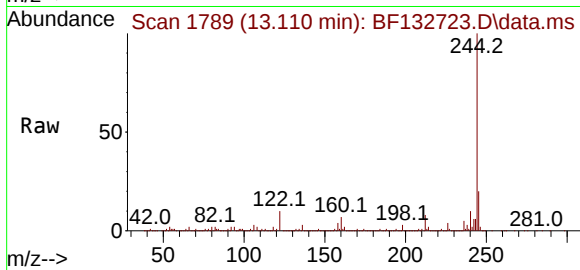
Tgt Ion:240 Resp: 413581
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 26.3 21.8 32.6



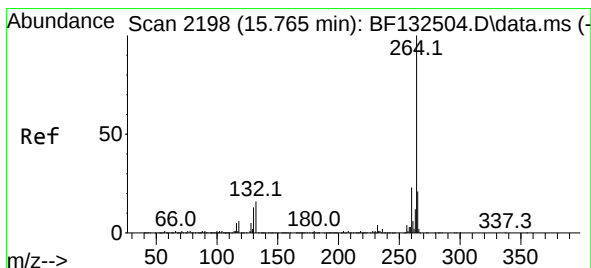
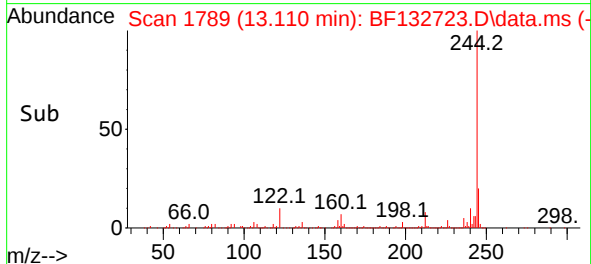
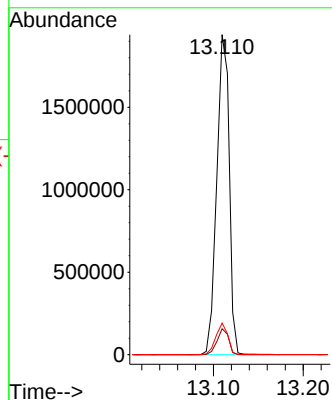


#79
 Terphenyl-d14
 Concen: 76.308 ng
 RT: 13.110 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132723.D
 Acq: 09 Mar 2023 17:56

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1866610
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 9.8 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.721 min Scan# 2233
 Delta R.T. -0.006 min
 Lab File: BF132723.D
 Acq: 09 Mar 2023 17:56

Tgt Ion:264 Resp: 416707
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.2 17.1 25.7

